

AMENDMENT(S) TO THE CLAIMS

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3 1. (previously presented) A method, comprising:
4 monitoring an electronic document for user annotations;
5 recognizing entry of an annotation into the electronic document;
6 collecting context data proximal to the annotation; and
7 locating information related to the annotation using the annotation and the
8 context data;

9 wherein the collecting context data further comprises:

10 deriving at least two search terms;

11 comparing the search terms to a history of search terms; and

12 weighting each of the search terms according to whether a particular
13 search term is included in the history of search terms, a higher weight being
14 assigned to a search term that is included in the history of search terms.
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16 2. (original) The method as recited in claim 1, wherein the collecting
17 context data further comprises extracting one or more words from text proximal to
18 the annotation.
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20 3. (original) The method as recited in claim 1, wherein the collecting
21 context data further comprises locating objects near to an annotation object in a
22 document object model (DOM) associated with the annotation.
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1 4. (original) The method as recited in claim 1, wherein the collecting
2 context data further comprises:

3 defining a first distance from the annotation;

4 defining a second distance from the annotation;

5 locating one or more keywords that are within the first distance from the
6 annotation;

7 locating one or more keywords that are within the second distance from the
8 annotation but not within the first distance from the annotation;

9 weighting the one or more keywords according to their distance from the
10 annotation, with keywords within the first distance having a greater weight than
11 keywords within the second distance but not within the first distance; and

12 wherein the locating information related to the annotation utilizes the
13 keywords according to the weights assigned thereto.

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15 5. (canceled)

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17 6. (previously presented) The method as recited in claim 1, wherein the
18 history of search terms further comprises a history of search terms used by a
19 particular user.

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21 7. (previously presented) The method as recited in claim 1, wherein the
22 history of search terms further comprises a history of search terms used by all users
23 of a particular group of users.
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1 8. (original) The method as recited in claim 1, wherein the locating
2 information related to the annotation further comprises searching the electronic
3 document for terms that match or are similar to the annotation.
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5 9. (original) The method as recited in claim 1, wherein the locating
6 information related to the annotation further comprises searching remote sites for
7 documents containing terms that match or are similar to the annotation.
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9 10. (original) The method as recited in claim 1, wherein the locating
10 information related to the annotation further comprises:

11 determining keywords that are likely to be of interest to a user based on the
12 annotation and words contained in previous documents accessed by the user; and
13 using the keywords to locate information.
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15 11. (previously presented) The method as recited in claim 10, wherein
16 the previous documents are limited to documents accessed within a specified time
17 period.
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19 12. (original) The method as recited in claim 1, wherein the locating
20 information related to the annotation further comprises:

21 determining keywords that are likely to be of interest to a user based on the
22 annotation and words occurring with the annotations in previous documents
23 accessed by the user; and
24 using the keywords to locate information.
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1 13. (original) The method as recited in claim 1, wherein an annotation
2 further comprises one of the following types of annotations: circle, underline,
3 block, arrow, callout, free note, post-it note.

4
5 14. (previously presented) A system, comprising:
6 an annotation monitoring module configured to monitor an electronic
7 document for entry of an annotation;
8 an extraction module configured to collect context data that appears near an
9 annotation entered into the electronic document and to extract one or more
10 keywords from the context data;
11 an information processing module configured to utilize the annotation and
12 the keywords to locate related content; and
13 a history module that includes one or more historical keywords that were
14 previously used in the system in at least one query for one or more searches;
15 wherein the extraction module is further configured to weight keywords
16 according to whether or not the keywords are included in the history module.

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18 15. (canceled)
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1 **16.** (original) The system as recited in claim 14, wherein:
2 the context data further comprises a plurality of keywords derived from text
3 proximal to the annotation;

4 the extraction module is further configured to weight each keyword
5 according to a relative distance that the keyword is from the annotation; and

6 the information processing module is further configured to initiate a search
7 based on the annotation and the weighted keywords.

8
9 **17.** (original) The system as recited in claim 16, wherein the search is
10 performed using the annotation as a search term and the results of the search are
11 re-ranked according to the weighted keywords.

12
13 **18.** (original) The system as recited in claim 16, wherein the search is
14 performed using a query derived from the annotation and the weighted keywords.

15
16 **19.** (original) The system as recited in claim 14, wherein the related
17 content located by the information processing module further comprises keywords
18 contained in the electronic document.

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20 **20.** (original) The system as recited in claim 14, wherein the related
21 content located by the information processing module further comprises
22 documents on a network that contain one or more of the keywords.

1 21. (original) The system as recited in claim 14, wherein the
2 information processing module is further configured to determine suggested
3 keywords that are likely to be of interest to the user based on the annotation and
4 words appearing in other documents accessed by the user wherein the same
5 annotation was entered.

6
7 22. (original) The system as recited in claim 21, further comprising a
8 user interface configured to present the suggested keywords to the user and
9 provide for selection of none or one or more of the suggested keywords by the
10 user.

11
12 23. (currently amended) One or more computer-readable media
13 containing computer-executable instructions that, when executed on a computer,
14 perform the following steps:

15 recognizing an annotation entered into an electronic document by a user;
16 collecting context data related to the location of the annotation; and
17 locating additional content that may be of interest to the user by executing a
18 search with search terms selected from one or more words indicated by the
19 annotation and one or more keywords derived from the context data and by
20 weighting at least a portion of the search terms based on ~~from~~ a keyword history
21 list that includes previously-used keywords that were used in at least one query in
22 one or more previous searches.

1 **24.** (original) The one or more computer-readable media as recited in
2 claim 23, wherein the annotation is an annotation included in the following set of
3 annotations: a circle, a box, an arrow, an underline, a double underline, a bracket, a
4 highlight, a handwritten character, a free note, a post-it note.

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6 **25.** (original) The one or more computer-readable media as recited in
7 claim 23, wherein the collecting context data related to the location of the
8 annotation further comprises collecting objects occurring within a certain distance
9 from an annotation object in a document object model associated with the
10 annotation object.

11
12 **26.** (original) The one or more computer-readable media as recited in
13 claim 23, wherein the locating additional content further comprises locating one or
14 more local keywords in the electronic document.

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16 **27.** (original) The one or more computer-readable media as recited in
17 claim 23, wherein the locating additional content further comprises locating one or
18 more documents on a network that include one or more words indicated by the
19 annotation or one or more keywords derived from the context data.

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21 **28.** (original) The one or more computer-readable media as recited in
22 claim 23, wherein the locating additional content further comprises deriving the
23 one or more keywords from the context data by identifying words that frequently
24 appear with the annotation in other documents accessed by the user.

1 29. (original) The one or more computer-readable media as recited in
2 claim 23, wherein the locating additional content further comprises deriving the
3 one or more keywords from the context data by identifying words that frequently
4 appear with the annotation in other documents accessed by the user.

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6 30. (currently amended) The one or more computer-readable media as
7 recited in claim 23, further comprising:

8 ~~weighting the keywords;~~

9 ranking search results according to the ~~weighted-keywords~~ search terms.

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11 31. (currently amended) The one or more computer-readable media as
12 recited in claim 30, wherein the previously-used keywords were previously used by
13 a current user, and wherein the weighting of at least a portion of the-keywords
14 further search terms comprises assigning a higher weight to-keywords search terms
15 that are included in the keyword history list.

16
17 32. (currently amended) The one or more computer-readable media as
18 recited in claim 30, wherein the previously-used keywords were previously used by
19 all users in a group of users, and wherein the weighting of at least a portion of the
20 keywords further search terms comprises assigning a higher weight to-keywords
21 search terms that are included in the keyword history list.